

## WHAT IS CLAIMED IS:

1. A thorax drainage system, characterized by the combination of the following components:

a first container forming a secretion-collecting chamber;

5 a separate second container forming a nonreturn valve in the form of an underwater seal;

a drainage line which can be attached to a patient and leads into the secretion-collecting chamber;

a connecting line between the two containers;

10 a vacuum pump;

a connecting line between the vacuum pump and the container forming the underwater seal;

a battery for mains-free operation of the vacuum pump, and

a mobile trolley for receiving all the system components,

15 in which system the two containers can be closed tight with associated covers into which the lines open, and at least the drainage line is a disposable line.

2. The thorax drainage system as claimed in claim 1, characterized in that the two separate containers are reusable containers.

3. A thorax drainage system with a vacuum pump, a battery for mains-free  
20 operation of the vacuum pump, an underwater seal connected to the vacuum pump via a first connecting line, a secretion-collecting chamber connected to the underwater seal via a second connecting line, and a drainage line which can be attached to a patient and leads into the secretion-collecting container, said vacuum pump, battery, underwater seal and secretion-collecting chamber forming a mobile system.

25 4. The system as claimed in claim 3, in which the vacuum pump, the battery, the underwater seal and the secretion-collecting chamber are arranged on a mobile trolley.

5. The system as claimed in claim 4, in which infusion containers can also be received on the trolley.

6. The system as claimed in claim 4, in which the trolley is designed to receive all the components of the system.

7. The system as claimed in claim 3, in which the secretion-collecting chamber is a first container, and the underwater seal is a second, separate container forming a nonreturn valve.

8. The system as claimed in claim 7, in which the two containers can be closed tight with associated covers into which the first and second connecting lines and the drainage line open.

9. The system as claimed in claim 3, in which at least the drainage line is a disposable line.

10. The system as claimed in claim 7, in which the two separate containers are reusable containers.

11. A drainage system with a vacuum pump, a battery for mains-free operation of the vacuum pump, a secretion-collecting chamber and a connecting line for connecting the secretion-collecting chamber to the vacuum pump, and a drainage line which can be attached to a patient and leads into the secretion-collecting container, in which system the vacuum pump, the battery and the secretion-collecting chamber are arranged on a mobile trolley.

12. The system as claimed in claim 11, in which infusion containers can also be received on the trolley.

13. The system as claimed in claim 11, in which the trolley is designed to receive all the components of the system.

14. The system as claimed in claim 11, in which the secretion-collecting chamber is a container and can be closed tight with an associated cover, and the connecting line and the drainage line open into the cover.

15. The system as claimed in claim 11, in which at least the drainage line is a disposable line.

16. The system as claimed in claim 14, in which the container is a reusable container.